

Improve Birth Outcomes and Health of Infants, Children and Adolescents in South Dakota

- ❖ Promote early and regular prenatal care for South Dakota mothers
- ❖ Improve South Dakota's age-appropriate immunization rate
- ❖ Reduce risky behaviors among children and adolescents

Accomplishment Highlights:

- Distributed over 380,000 doses of vaccine to providers statewide (public and private); dollar value of the vaccine was \$7,194,800
- Provided Bright Start home visits to 455 high-risk pregnant women and their families (455 mothers and 475 infants and children) in Sioux Falls and Rapid City
- Completed 3,495 risk assessments and 3,483 case management visits to pregnant women through Community Health Services offices
- Established an Infant Mortality Workgroup of health professionals to look at the causes of infant mortality in the state and recommend measure to reverse the trend
- Decreased the percentage of high school students who reported using cigarettes from 30% to 28% and the percentage who reported using spit tobacco from 15% to 13%
- Provided community education to 10,530 adolescents and 2,630 parents regarding reproductive health issues such as STDs and unintended pregnancies
- Provided abstinence education programs to 5,551 adolescents age 19 and younger to promote the benefits of abstinence of postponing sexual activity until marriage

Key Performance Measure Progress:

- [B]** Reduce the infant mortality rate from 6.6 per 1,000 births in 2003 to 6 by 2010
- 7.2 per 1,000 births in 2005
- [A]** Increase the percent of two-year olds who are age appropriately immunized from 83.4% in 2003 to 90% by 2010
- 88.4% of SD children aged 19-35 months age-appropriately immunized in 2005
- [B]** Reverse the trend and reduce the percent of school-aged children and adolescents who are overweight or obese from 17% in 2003 to 15% by 2010
- 16.9% of 5-19 year olds overweight or obese (2005-06 school year)
- [B]** Reduce the teen pregnancy rate from 19 per 1,000 teens age 15-17 in 2003 to 15 by 2010
- 22.5 pregnancies per 1,000 teens age 15-17 in 2005

Improve the Health Behaviors of South Dakotans to Reduce Chronic Disease (i.e., heart disease, cancer, stroke, diabetes)

- ❖ Enhance data collection systems to assess the chronic disease burden in South Dakota
- ❖ Strengthen our ability to promote healthy behaviors
- ❖ Implement the *Healthy South Dakota Initiative* to help South Dakotans be physically active, eat healthy and live healthier lives

Accomplishment Highlights:

- Published all publications within one calendar year of data collection
- Launched hospital pricing website for consumers and published report *Helping South Dakotans Become Informed Health Care Consumers: South Dakota's Hospital Pricing Report, 2005*
- Averaged 50,000 hits per month on the HealthySD website; conducted three online health challenges with a total of 170 teams plus 896 individuals participating
- Screened 1,278 women through the *All Women Count!* Program; diagnosed 9 breast cancers and one cervical cancer
- Developed *A Clinical Toolkit for Healthcare Providers* to use in addressing the obesity epidemic with their patients
- Trained 36 worksite wellness consultants using the *Strides to a Healthier Worksite Toolkit*; provided technical assistance and resources to 43 worksite wellness projects
- Served 3,621 South Dakotans through the QuitLine (FY06) to assist in their efforts to quit tobacco use
- Achieved gold level certification for the state's Cancer Registry from the North American Association of Central Cancer Registries with a case completion rate of 98%

Key Performance Measure Progress:

- [B]** Reduce the percent of adults who are overweight or obese from 60% in 2003 to 55% in 2010
- 62.8% of adults reported being overweight or obese in 2005
- [O]** Increase the percent of adults who are physically active on a regular basis from 45% in 2003 to 50% by 2010
- 47.6% of adults reported moderate physical activity in 2005
- [O]** Increase the percent of adults who eat 5 fruits and vegetables a day from 19% in 2003 to 25% in 2010
- 20.5% of adults reported eating 5 fruits and vegetables a day in 2005
- [O]** Reduce percent of adults who smoke cigarettes from 22.7% in 2003 to 18% by 2010
- 19.8% of adults reported smoking in 2005

Strengthen the Health Care Delivery System in South Dakota

- ❖ Sustain a competent workforce
- ❖ Provide effective oversight and assistance to assure quality health facilities, professionals and services
- ❖ Sustain essential healthcare services in rural and underserved areas
- ❖ Encourage development and use of technology for the provision of healthcare services

Accomplishment Highlights:

- Provided \$202,046 to six critical access hospitals to develop electronic medical records, improve patient safety and evaluate patient outcomes
- Provided technical assistance to 94 communities to help improve access to health care services
- Hosted a Healthcare Workforce Summit with 175 attendees
- Provided 110 schools with health career programming information and solicited school involvement in the Health Occupations for Today and Tomorrow program
- Approved 60 applicants to participate in the Health Professional Recruitment Incentive Program, 7 participants in various tuition reimbursement programs (4 physician, 1 dentist and 2 midlevels), and one individual for the State Loan Repayment program
- Provided over \$252,000 to hospitals in the state for distance learning and information system projects
- Converted nursing facility license renewal system to electronic format with all 112 facilities completing applications electronically
- Conducted 657 licensure and/or certification surveys of health care facilities to assure compliance with federal Conditions of Participation and other federal, state and local regulations

Key Performance Measure Progress:

- [O]** Decrease the percent of vacancies for health professionals from 4.9% in 2005 to 4% by 2010
- Percent of budgeted vacancies 4.0% in 2006
- [O]** Increase the percentage of South Dakota nursing facilities that participate in resident-directed or person-centered care to 50%
- 17% of nursing facilities participated in resident-directed/ person-centered care in 2006
- [O]** Maintain a closure rate of zero for rural hospitals determined to be "access critical"
- No access critical hospitals closed in 2006
- [O]** At least 20% of all South Dakota hospitals use electronic medical records
- 15% of hospitals have ability to retrieve data at location of patient care

Advance South Dakota's Response to Emerging Public Health Threats

- ❖ Develop and maintain a standardized system for assessment and response of emerging public health threats
- ❖ Enhance the state's capacity to effectively manage emerging public health threats and emergencies
- ❖ Strengthen the department's capacity to respond to environmental health issues



Accomplishment Highlights:

- Transitioning to electronic SD-SCRAM (Surveillance Case management Reporting Alerting Monitoring) which will increase frequency and speed of disease reporting and management
- Successfully managed the 2006 mumps outbreak – 292 cases and 2,673 named contacts managed by MMR vaccination and isolation
- Coordinated statewide preparedness efforts for possible Influenza Pandemic including disease surveillance, antiviral stockpiling, laboratory testing, communications, hospital planning, local planning, and state operational planning
- Awarded \$600,000 to 21 communities covering 36 counties and 4 tribal jurisdictions for local pandemic influenza planning
- Established an in-state stockpile of critical health and medical resources for responding to a biological event
- Provided pediatric emergency medical products/training to hospitals, clinics and ambulance services to update the state's equipment standards to meet national guidelines for pediatric patients
- Collaborated with CDC to successfully validated a test protocol for bio-terrorism agents in drinking water

Key Performance Measure Progress:

- ☐ Increase the percent of reportable diseases that are reported to the DOH within required time frames to 90%
 - Jan-Feb 2004 case reviews show that 71% of non-STD/HIV cases reported within required time frame; 80% of reports initiated by DOH on same day of notification
- ☐ Increase the number of public health and medical response partners connected to the Global Secure Response Management System by 100% per year (107 connections at start of 2006)
 - 227 connections as of December 2006
- ☐ Increase the percent of health care facilities that are able to perform key response activities to 100%
 - 95% of hospitals can meet 3 of 6 key response activities; 68% can meet 4 of 6 key response activities

To view a copy of the complete Department of Health 2010 Initiative, go to the department's website at www.state.sd.us/doh



2010 Initiative



2006 Annual Progress Report

South Dakota Department of Health
600 East Capitol Avenue
Pierre, South Dakota 57501-2536
(605) 773-3361